

D. List of Approved Products			
Last Updated October 2023			
<u>Water Line Pipe, Fittings and Appurtenances</u>		Other materials proposed for use must receive approval from Augusta Water. It shall be the Developer's responsibility to provide documentation which demonstrates an alternate item is "equal" to the item found on the Approved Products List	
	<u>Manufacturer</u>	<u>Model/Series</u>	
<u>Ductile Iron Pipe & Fittings</u>			
<u>Pipe (Class 52)</u>	American (ACIPCO)		
	McWane Ductile (Includes Atlantic States Cast Iron Pipe Co., Clow)		
	US Pipe (Includes Griffin)	TR Flex Restrained Joint Pipe allowed	
<u>Fittings</u>	McWane Ductile (Includes Atlantic States Cast Iron Pipe Co., Clow)		
	Sigma	(Includes D.I. Mech. Joint Connector)	
	Star Pipe Products	(Includes MJ x MJ Adapter Series 100)	
	Tyler Union		
	US Pipe (Includes Griffin)		
	NACIP		
	In Fact	(Foster Adapter only)	
	SIP Industries		
<u>Joint Restraint</u>			
<u>Mechanical Joint Restraint</u>			
	EBAA Iron Inc.	Mega-Lug Series 1100	
	Ford	Series 1400	
	Romac Industries	Grip Ring, Roma-Grip	
	Sigma Co.	One-Lok - D-SLDE	
	Tyler Union	TUF-Grip	
	Star Pipe Products	Stargrip Series 3000, 3000S, Starlug	
<u>Push-On Joint Restraint</u>			
	EBAA Iron Co.	Mega-Lug Series 1700, 1500TD, 1100HD	
	Ford	Series 1390	
	Romac Industries	611	
	Sigma	SSLDH	
	Star Pipe Products	Stargrip Series 3100P, 3100S	Series 1100 For Ductile Iron Pipe
<u>Internal Restraining Gasket*</u>			
	US Pipe	Field Lok 350	
	Or as required by pipe manufacturer & approved by Augusta Water		
	*All joints containing these gaskets must be marked with warning tape approved by Augusta Water to indicate their presence		
<u>Casing Pipe End Seals</u>			
	Cascade	Style CCES	
	APS	Models AM, AC, AW	
	CCI-Pipeline Systems Inc.	Models ESW, ESC	
	Spider Manufacturing	N Seal Pull On End Seal	
	BWM	Models BWM-PO, BWM-WR	
<u>Gate Valves</u>			
	American Flow Control (American Darling)	2500	
	AVK	65, 45	
	Clow	2639	
	Kennedy	KS-RW	
	Mueller	2361 & 2362	
	1.5"	AVK	03-050-TTN
	2"	AVK	03-063-TTN
		Mueller	A2362 W/Thread Connections
<u>Butterfly Valves</u>			
	Bray		
	DeZurik		
	Kennedy		
	M&H		
	Val -Matic	2000 Series	
<u>Valve Boxes & Lids (2 piece boxes slip/sliding type)</u>			
	Bingham & Taylor	Fig. 4908	
	Capitol Foundry	Standard 2 pc Slide Type	
	Tyler Union	Series 6855	
	East Jordan Iron Works	Series 8555-85552737	
	"Heavy-duty" lids required in pavement areas or as designated by Augusta Water		

	<u>Manufacturer</u>	<u>Model/Series</u>			
<u>Fire Hydrants</u>					
	American Flow Control (American Darling)	B-84-B-5			
	AVK	Model 27			
	Clow	Medallion F2545 - 5.25			
	Kennedy Valve Co.	K-81 D - 5.25			
	Mueller	A-423			
<u>Air Release Valves</u>					
	Cla-Val	Series 34			
	Crispin Valve	M10			
	Val-Matic	15A			
<u>Combination Air Valve</u>					
	Cla-Val	Series 33A			
	Val-Matic	201C			
<u>Blow Off Assembly 2"</u>					
	Kupferle	Mainguard 78			
	Mueller	A-412			
<u>Water Metering Equipment</u>					
<u>Small Valves 1/2" - 2-1/2"</u>					
	AY McDonald	2035 Series			
	Kennedy	Bronze			
	Milwaukee	1151			
	Nibco	T-113			
	Stockham (Crane Energy)	B-100			
<u>Small Ductile Iron Pipe & Fittings - 1-1/2" - 3"</u>					
	Harco	(Internal and external epoxy coating required)			
<u>Small Stainless Steel Pipe & Fittings - 1-1/2" - 3"</u>					
<u>Grade 304 & 316</u>					
	American Granby				
	AY McDonald				
	Merit Brass				
<u>Copper Fittings & Adaptors - 3/4" x 1"</u>					
	AY McDonald	(compression fittings only) Ranger Fitting Allowed			
	Mueller				
<u>Corporation Stop - 3/4" - 2"</u>					
	Ford	FB1000-Q NL Series			
	Mueller	B-25008N			
	AY McDonald	74701BQ			
<u>Meter Setter</u>					
	5/8", 3/4", 1"	AY McDonald	Standard Yoke Bar		
		Ford	500 Series		
		Mueller	8B		
		AY McDonald	708UQM (U-Branch for dual connections in single box)		
		Ford	U48-xx-xxQ-NL (U-Branch for dual connections in a single box)		
	1-1/2"	Ford 70 Series	VBB76-18HB-11-66-NL		
		AY McDonald	720-R618WWFF 665		
	2"	Ford 70 Series	VBB77-18HB-11-77-NL		
		AY McDonald	720-R718WWFF 775		
<u>Fire Meter Setter</u>					
	1-1/2"	Ford 70 Series	76-18-11-66-NL		
		AY McDonald	720-618NNFF 660		
	2"	Ford 70 Series	77-18-11-77-NL		
		AY McDonald	720-718NNFF 770		
<u>Large Meter Frame & Cover</u>					
		East Jordan Iron Works, Inc	Durowalk-COM7026030A01	<u>Frame</u>	<u>Cover</u>
		East Jordan Iron Works, Inc	Durostreet-COM260334A01	COM260210	COM260334
<u>Meters</u>					
	5/8"-10"	(Augusta Water to install)			
<u>Expander Wheel</u>					
		AY McDonald	4139 Series (hard fiber gasket)		
		Ford	EC Series (must specify fiber gasket)		

	<u>Manufacturer</u>	<u>Model/Series</u>			
Box & Covers	<u>Box Manufacturer</u>	<u>Cover Manufacturer</u>	<u>Model/Series</u>		
5/8" - 1" meters & Dual 5/8" meters	Carson/MidStates		MS182420-NK (SKU No. 00182038)		
	DFW		DFW-182424FTP		
	Sigma		RMP182224SFB-W		
		Nicor-Polymer Lid	A-32 Augusta	(Nicor 12.25PWATHO Type A)	
		Bingham&Taylor-Polymer Lid	ILNCUL12.25PWATHA		
		AY McDonald-Frame Only	74MAF18		
		Ford-Frame Only	FA32		
		Bingham&Taylor-Frame Only	CULF18018AW		
1 1/2"-2" meter	Carson/MidStates		MS3630B-NK		
	DFW		DFW-3630		
	Sigma		RMP 3630		
		Nicor-Polymer Lid	21.25PWATH		
		Bingham&Taylor-Polymer Lid	ILNCL21.25PWATHO		
			(Water logo, two threaded bosses and metal location disk)		
		AY McDonald-Frame Only	74MF1020 or 74ZF1020 flange w/ 74MR1000 riser		
		Ford/East Jordan Iron Works, Inc - Frame Only	FL-36 flange w/ PR riser/8423Z-00842311 w/ PR riser		
Angle Valve					
5/8", 3/4", 1"	AY McDonald	74642BYQ			
	AY McDonald	74644BY (For dual connections in a single box)			
	Ford	BA94-xxxW-Q-NL			
	Ford	AV91-xxxW-NL (For dual connections in a single box)			
Type K Copper Tubing					
3/4" - 1"	Mueller Industries				
	Howell Metal				
	Cambridge-Lee (IUSA)				
Plastic Water Service Tubing (PEX 3/4" - 2")					
	Rehau	Municipex			
PVC Pipe, Fittings, Valves					
PVC Schedule 80 - 1/2" - 16"					
	Charlotte Pipe & Foundry				
	Harco				
	Harvel Plastics				
	National Pipe & Plastics				
	Spears				
Pressure Reducing Valves (PRVs) and Control Valves					
	Cla-Val				
	Watts	(sizes 3" and smaller, lead free only)			
Pipe Spacers in Casing (304 SS or HDPE)					
	Cascade Waterworks Manufacturing	CCS, CCS-ER			
	CCI-Pipeline Systems Inc.	CSS			
	RACI				
	BWM	SS, Spyder			
	Spider Manufacturing	Stainless w/ Poly Skids, Stainless w/SS Skids, Black Widow 4 Legs w/Poly Skids			
	APS	SSI, SI w/Thermoplastic Powder Coating			
Repair Clamps and Dresser Couplings					
	Ford				
	Romac				
	Smith Blair				
	Hymax (by TPS)				
Tapping Saddle (* double strap)					
	Ford	FS 202*			
	Mueller	DR2S*			
	Romac	202S*			
	Smith Blair	317*			
2" Municipex	Romac	306-H Stainless Steel Service Saddle			
2" Municipex	Ford	FS313W Stainless Steel Saddle			

	<u>Manufacturer</u>	<u>Model/Series</u>			
<u>Tapping Sleeve (all stainless steel)</u>					
	Ford	FAST, FTSS			
	Mueller	H-304SS			
	Romac	SST, STS420			
	Power Seal	3490			
	JCM	432			
<u>Tapping Valves</u>					
	American Flow Control	2500 series			
	AVK	65 or 45 series			
	Clow	2639 series/model F-6114			
	Kennedy	KS-RW			
	Mueller	T-2361			
<u>Underground Pipe Insulation</u>					
	Pittsburgh Corning	FOAMGLAS Insulation			
<u>Above Ground Pipe Insulation</u>			<u>Tape</u>	<u>Adhesive</u>	
	Aeroflex	906A-ACS1043 w/ Aluminum Jacketing	Protape	Aeroflex	
<u>Water Sampling Station</u>					
	Kupferle	Eclipse #88 or MainGuard #94WM			
<u>Sanitary Frostproof Yard Hydrants</u>					
	Freeze Flow by Hoepfner	Executive Hydrant			
<u>Sanitary Sewer Pipe and Fitting Materials</u>					
<u>PVC Pipe & Fittings (Non Pressure)</u>					
<u>PVC SDR 35 - 4"-15"</u>					
	Certaiteed Pipe				
	Diamond Plastics Corp.				
	National Pipe & Plastics				
	Westlake/North American Pipe Corporation - NAPCO				
<u>PVC C900 Water Pipe - (can be used through casing w/ joint restraint for sanitary sewer)</u>					
	Ipex				
	Diamond Plastics Corp.				
	National Pipe & Plastics				
	Westlake/North American Pipe Corporation - NAPCO				
<u>PVC Joint Restraint (for use w/ C900 through casing as non-pressure sanitary sewer)</u>					
	EBAA Iron Inc.	Series 1500			
	Ford	Series 1390-C			
	Romac Industries	611 - Black			
	Sigma	PV LOK Series P-PWP			
	Star Pipe Products	Series 1100C			
	Tyler Union	32U Series 3000PP Black			
<u>HDPE</u>					
	National Pipe & Plastics				
	Ipex				
<u>PVC Fittings</u>					
	Harco Fittings				
	Multi Fitting				
	GPK Fittings				
<u>Repair Fittings and Clean-outs</u>					
	Fernco				
	Geneco (clean-outs)				
	Maxadaptor				
<u>Small Stainless Steel Pipe & Fittings - 1-1/2" - 3"</u>					
<u>Grade 316</u>	American Granby				
	AY McDonald				
	Merit Brass				
<u>Ductile Iron Pipe and Fittings (Force main, deep installation, other special conditions - Class 50)</u>					
<u>Pipe</u>					
	American (ACIPCO)				
	Atlantic States Cast Iron Pipe Co.				
	Clow				
	Griffin Pipe Products Co.				
	US Pipe				

	<u>Manufacturer</u>	<u>Model/Series</u>			
<u>Fittings</u>					
	Clow				
	Griffin				
	Sigma				
	Star Pipe Products				
	Tyler Union				
	US Pipe				
	SIP Industries				
<u>Gauges</u>					
	WIKA	113.13.15.30V.B	Vacuum Testing		
	WIKA	113.13.20.15.L	Sanitary Sewer Pressure Testing		
	WIKA	113.13.25.300.B	Waterline Testing/Fire Line Vaults		
<u>Sewer Connection Saddle</u>					
	Romac	CB			
	Inserta Fittings Co.	Inserta Tee			
<u>Manholes and Appurtenances</u>					
<u>Pre-Cast Reinforced Concrete Manholes</u>					
	Concrete Pipe & Precast (CP&P) (formerly Hanson Pipe / Americast)				
	Winchester Building Supply (WBS)				
	Tindall Corporation				
<u>Exterior Joint Wrap 6" Minimum Width</u>					
	ConSeal	ConWrap CS-212	W/ CS-75 Primer/Adhesive		
	Sealing Systems, Inc.	Infli-Shield Gator Wrap			
	Adaptor, Inc.	Adaptor Seal Barrel Wrap			
<u>Frame and Cover, Riser Rings</u>			<u>Cover</u>	<u>Frame</u>	
	East Jordan Iron Works, Inc.	1040C-1040354/104193 (Standard)	1040AGS-103971 (Watertight)	1045Z-104511/104510	
	East Jordan Iron Works, Inc.	2600 Composite Assembly COM260304A01	COM260304	COM260210	
	U. S. Foundry & Mfg. Corp.	CMH1313AUGUSTA	SP-CMH1313CLWT (Watertight)	USF 755	
<u>Riser Rings</u>					
	East Jordan Iron Works, Inc.	Infrariser	IR-C		
	Cretex	Pro-Ring	M1 Adhesive/Sealant		
<u>Cleanout Frame and Cover</u>					
	East Jordan Iron Works, Inc.		1566A-156622	1566Z-156611	
	Capitol Foundry	PCO-1*MOD (non-traffic areas only)			
<u>Concrete Manhole Connectors</u>					
	A-LOK Products, Inc.	Z-LOK Connector			
	Trelleborg	Kor-N-Seal - Wedge Style			
	Press-Seal Gasket Cor.	Press-Boot			
		PSX Direct Drive			
	Garlock	Link-Seal			
<u>Grout</u>					
	Preco Industries, LTD	Preco-Patch			
	Master-Flow	713 Grout			
<u>Butyl Resin Sealers</u>					
	Concrete Products Supply Co.	CPS-210			
	Concrete Sealants, Inc.				
<u>Sewer Combination Air Valves</u>					
	Cla-Val	36-WW			
	Crispin Valve	US Series			
	Val-Matic	801A			
<u>Plug Valves</u>					
	DeZurik				
	Kennedy				
	M&H				
	Val-Matic	5600 & 5800 Series			
<u>Sewer Backflow Preventer Valves (for vented manholes only)</u>					
	Josam	67100A	(or approved equal)		

	<u>Manufacturer</u>	<u>Model/Series</u>				
<u>Pump Stations (water and sewer)</u>						
<u>Sewer Pumps</u>						
	Flygt Submersible					
	Gorman-Rupp					
	EBARA					
	Wilo					
	Fairbanks					
<u>Flow Meters (magnetic)</u>						
	Toshiba					
	McCrometer					
<u>Float Switches (all mercury free)</u>						
	Flygt ENM					
	Conery Mfg., Inc.					
<u>Controls & Electrical</u>						
	SquareD					
	Cutler-Hammer					
	Allan-Bradley					
<u>Variable Frequency Drive's (VFD'S)</u>						
	SquareD					
	Cutler-Hammer					
	Siemens					
	Benshaw					
	Allan-Bradley					
<u>Hydro-Tanks</u>						
	Highland Tank					
	Adamson Global Technology Corporation					
<u>Pre-Fab Buildings</u>						
	Clear Flow Co.	Stonewall				
<u>Access Hatches (Load rating shall be H20 unless otherwise approved)</u>						
	Bilco Type K or KD					
	Halliday					
	E-Z Set Hatch Co.					
<u>Chlorine Feed Equipment</u>						
	Regal Gas					
<u>Chemical Feed Pumps</u>						
	LMI					
	Blue-White					
<u>Water Booster Pumps</u>						
	AMT (Gorman Rupp)					
	Goulds					
	Grundfos					
	Fairbanks Morse					
<u>Well Pumps</u>						
	Goulds					
	Grundfos					
<u>Vertical Turbine Pumps</u>						
	Fairbanks Morse					
	Goulds					
<u>Pump Motors</u>						
	Baldor					
	Franklin					
	Lincoln Electric					
	US Motor					
<u>Diesel Generators</u>						
	Caterpillar					
	Kohler Power Generation					
<u>WWTP Screen Equipment</u>	Aquiletec Corporation	Vertical Bar Screen w/ Integrated Washer/Compactor (For Plants ≤ 500,000 GPD)				
<u>*SCADA EQUIPMENT UNIQUELY QUALIFIED*</u>						
Radios	Landis+Gyr	Most Current Series or As Approved				
SCADA Pack	Schneider Electric	Typical Water Tank - TBUP100-1A20-AA10 (Alternate Codes As Approved) Typical Booster Station - TBUP334-1A20-AB10S (Alternate Codes As Approved) Larger Projects - TBUP357-1A20-AB10S (Alternate Codes As Approved)				

	<u>Manufacturer</u>	<u>Model/Series</u>			
Pressure, Level and Temperature Transmitters					
	Rosemount				
	Kobold				
	USA Blue Book				
SCADA Accessories					
1 - Surge Protective Device	Square D or Approved Equal	SurgeLogic or Approved Equal			
1 - 41003 Surge Protector					
1 - NEMA 3R Box Size TBD					
1 - 24" x 30" NEMA 4 Box					
1/2" Coaxial Cable		EC4-50			
1 - 150-15 Power Supply	Mean Well or Approved Equal				
1 - Telephone Pole for Antenna		Height to be determined by Augusta Water			
1 - 12V 12AH Sealed Lead Acid Battery					
1 - Omni Directional Antenna	PCTEL Maxrad or Approved Equal	MFB9157NF or Approved Equal-N Style Connection 806-960 MHz 7 DB gain			
1/2" Coaxial Cable Ends	CommScope or Approved Equal	N Style Connectors			
Safety Equipment					
Full Body Harness					
	DBI Sala/Capital Safety	Exofit Nex			
	3M	Evolution			
Double-leg lanyard					
	DBI Sala/Capital Safety	none at this time			
	3M	209550-0241			
Single-leg Lanyard					
	DBI Sala/Capital Safety	1246318			
	DBI Sala/Capital Safety	1246306			
	3M Protecta	1341001			
Self Retracting Lanyard					
	DBI Sala/Capital Safety	none at this time			
	3M	MS-16			
Self Retracting Lanyard/Bucket Truck	DBI Sala/Capital Safety	3101575			
SRL for Tri-pod & Davit Arm	DBI Sala/Capital Safety				
Climbing Helmet					
	Kask	Super Plasma			
Cross Arm Strap					
	3M	4550-3			
	3M Protecta	AJ450A			
High Visibility Safety Vest					
	3M	Class 3			
High Visibility Jacket					
	Majestic	Style 75-1301			
Hard Hat					
	Fibre Metal by Honeywell	Model 3R Full Brim (1E)			
Electrical Gloves					
	Salisbury	D120 type 1			
Gas Meter					
	MSA	ALTAIR 4XR			
Temporary/Portable Guardrail					
	DBI Sala/ Capital Safety	7900060, 7900061			
Tri-Pod					
	DBI Sala/ Capital Safety				
Parapet Wall					
	Gaurdain Fall Protection	15170			
Ventilator/Blower					
	To Be Determined By Augusta Water As Needed				
	Allegro	Com-PAX-ial Blower			
Rescue Davit					
	DBI Sala/Capital Safety	Upper Davit Mast - 8518006			
		Lower Mast Ext. - 8518002			
Self Retracting Lifeline					
	DBI Sala/Capital Safety	3400853			
Fixed Ladder Climbing System					
	DBI Sala/Capital Safety	DBI-Sala Lad-Saf Cable Vertical Safety System			
Asbestos Removal Suit					
	DuPont	Tyvek Suit w/ hood			
Asbestos Removal Respirator					
	To Be Determined By Augusta Water As Needed				
Asbestos Disposal Bags					
	To Be Determined By Augusta Water As Needed				
Paint					
Fire Hydrant	Rustoleum	V2115838	Silver Aluminum		
Fire Hydrant	Rustoleum	V216383	Safety Red		
Bollard	Rustoleum	V2143838	Safety Yellow		